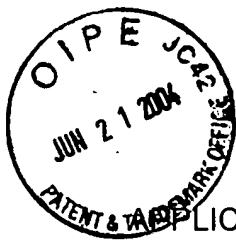


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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Joseph E. Schroeder GROUP: 3749
SERIAL NO.: 10/677,443 EXAMINER:
FILED: October 2, 2003 DOCKET NO.: NOOT 8500U1
FOR: ONCE-THROUGH EVAPORATOR FOR A STEAM GENERATOR

St. Louis, Missouri
June 17, 2004

Mail Stop Amendment
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
PURSUANT TO §1.97 AND § 1.98

Sir:

The information, patents and/or literature references listed on the attached Form PTO-1449, may be relevant to the examination of this application.

Pursuant to 37 CFR § 1.97(e), the undersigned attorney hereby certifies that to the best of his information and belief that the seven references cited on Form PTO 1449 were first cited in a communication from the United States Patent Office; that the communication pertains to International Patent Application PCT/US03/31174 which is the counterpart of U.S. Application 10/677,443; and that the U.S. Patent Office (ISA/US) dispatched the search report not more than three months ago and before the first action on the merits. ***Therefore, no fee is due.***

The last page of the International Search Report is likewise submitted herewith to show the degree of relevance accorded the individual references. Specifically, section C of the International Search Report identifies the category of relevance for each reference cited and claimed. The claims of the International application generally correspond to the original claims in the U.S. application.

The Commissioner is hereby authorized to charge any additional fees or credit overpayment under 37 CFR 1.16 and 1.17 which may be required by this paper to Deposit Account 162201. *Duplicate copies of this sheet are enclosed.*

Date: June 17, 2004

Respectfully submitted,



Edward A. Boeschenstein

Registration No. 22,986

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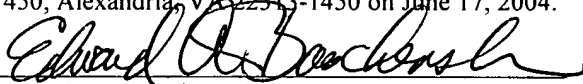
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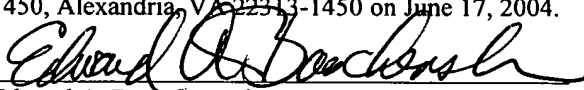
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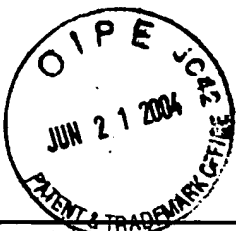
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Edward A. Boeschenstein, Reg. No. 22,986



Sheet 1 of 1

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE, PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO.: NOOT 8500U1	SERIAL NO.: 10/677,443
	APPLICANT: Joseph E. Schroeder	
	Filing Date: 10/02/2003	Group: 3749

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Kind Code (click here)	Patent Issue Date OR US App. Pub. Date OR US Non-Published Application Filing Date	Name
	US 6 4 4 6 5 8 0		09/10/2002	Franke et al.
	US 5 6 6 2 0 7 0		09/02/1997	Kastner et al.
	US 4 9 8 7 8 6 2		01/29/1991	Wittchow et al.
	US 3 1 3 3 5 2 8		05/19/1964	Litwinoff
	US 6 5 3 0 4 2 1		03/11/2003	Filius et al.
	US 5 8 0 6 4 7 0		09/15/1998	Konishi et al.
	US 5 3 4 1 7 6 9		08/30/1994	Ueno et al.

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Translation Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	DATE CONSIDERED
-----------------	------------------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449)

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/31174

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : F22B 15/00

US CL : 122/235.17, 367.3, 6A; 165/175, 184

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 122/1B, 6A, 235.14, 235.15, 235.17, 235.23, 367.1, 367.3, 406.4; 165/174, 175, 176, 179, 181, 182, 183, 184

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6,446,580 A (FRANKE et al) 10 September 2002, Figs. 1-2.	1-4, 6-7, 8-10, 12-13, 14-18
X	US 5,662,070 A (KASTNER et al) 02 September 1997, Figs. 1-2.	14-18
X	US 4,987,862 A (WITTCHOW et al) 29 January 1991, Figs. 1-6.	1-4, 6-7, 8-10, 12-13, 14-18
X	US 3,133,528 A (LITWINOFF) 19 May 1964, Figs. 1-17.	1-4, 6-7, 8-10, 12-13, 14-18
A, P	US 6,530,421 A (FILIUS et al) 11 March 2003, Figs. 1-6.	1-18
A	US 5,806,470 A (KONISHI et al) 15 September 1998, Figs. 1-3.	1-18
A	US 5,341,769 A (UENO et al) 30 August 1994, Figs. 1-11.	1-18

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search

20 February 2004 (20.02.2004)

Date of mailing of the international search report

12 APR 2004

Name and mailing address of the ISA/US

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